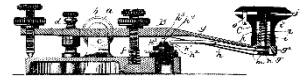




Bexar Wire

San Antonio Radio Club
W5SC



2016, No. 8

August 2016



Tom O'Brien, AB5XZ, making a presentation on computer logging using N3FJP software at the SARC meeting on July 14, 2016



Harold Fleischer, AE5AS, President, SARC, presenting Tom O'Brien, AB5XZ, a Program Certificate of Achievement for his excellent presentation

Computer Logging Program and Demonstration

Our next club meeting will be at 7:00 p. m. (1900) on Thursday, August 11, 2016, at Grady's Barbeque, 327 E. Nakoma Dr., San Antonio, TX 78216. The program will be next program is a presentation on VHF and HF Cable Transmission by Craig Lewis, N5XO. Come early and join us for supper.

Computer Logging of Contacts

At the 7:00 p. m. on Thursday, July 14, 2016, at Grady's Barbeque, the program was on using computer software to log amateur radio contacts. Tom O'Brien, AB5XZ, was the presenter. He was assisted by Bob Rodriguez, K5AUW, who loaned his computer and audio visual equipment to Tom, AB5XZ, for the presentation.

Tom, AB5XZ, used PowerPoint for the lecture portion of his presentation. The slides used in this presentation are a part of this article starting on page 5 of this newsletter. Tom, AB5XZ, uses computer logging software developed by Scott Davis, N3FJP. Scott, N3FJP, actually offers a suite of computer logging software with some of them oriented on various contests or other events like ARRL's Field Day. The whole suite is available for a one-time license fee of \$50. SARC actually has a license to use N3FJP software for Field Day and updates it each year.

Contests and award programs like Worked All States require verification. The time honored way was with QSL cards. While this works, it does not always work. Some computer based confirmation systems have been developed where each party up loads their logs and then the confirmation system makes the match to give credit for the contacts whether it is a part a contest or award program. An example of such a confirma (Continued on Page 5)

SAN ANTONIO RADIO CLUB

PRESIDENT'S RADIOGRAM

NUMBER	PRECEDENCE	HX	STATION OF ORIGIN	CHECK	PLACE OF ORIGIN	TIME FILED	DATE
8	R		AE5AS		San Antonio, TX		August

TO
W5SC

July was an interesting month. The program on computer logging by Tom O'Brien, AB5XZ, was very good. The support given by Bob Rodriguez, K5AUW, in the way of audio visual is appreciated. A talking head lecture is better than nothing, but Tom, AB5XZ, is a preferred method of giving a presentation.

Richard Elder, WB5ACN, distributed Baofeng BF-666S walkie talkie radios to those members who wanted one and remembered their checkbooks. He covered a number of accessories for this radio that may enhance user experience. This talk resulted in an article with references to those accessories in this issue of the **Bexar Wire**.

Bob Rodriguez, K5AUW, news about JOTA was really bad as covered in the minutes of the July 2016 meeting, which start on the next page. There is an article later in this issue of **Bexar Wire** about how Pete Shavney, WA3OVH, who has connections with the Texas Transportation Museum (TTM), have found us a site at TTM. **JOTA IS A GO!** I have been a member of the Alamo Model Railroad Engineers (AMRE) at TTM for 18 years. The people at TTM are good folks. As we showed at Shavano Park, we know how to be good guests so I expect SARC's JOTA at TTM will go well.

Paul Guido, N5IUT, has submitted our paperwork to ARRL for Field Day 2016. It will be interesting to see where we came out in the standings with a have fun attitude first.

Work has started on Radion Fiesta 2017. It is only 5 months away.



Harold

AE5AS

Bexar Wire

Published monthly by:
San Antonio Radio Club

Harold C. Fleischer, III AE5AS
President

Harold C. Fleischer, III AE5AS
Editor
210-497-2532
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The due date for articles is the Friday before the first Monday of the month.

2016, No. 8 Bexar Wire August 2016

San Antonio Radio Club
Meeting Minutes
July 14, 2016

Harold Fleischer, AE5AS, President, called the meeting to order at 7:00 p. m. at Grady's BAR-B-Q, 327 E. Nakoma Dr., San Antonio, TX 78216. There were 22 members and 2 guest present.

Harold Fleischer, AE5AS, then introduced himself as Harold AE5AS and then in accordance with SARC custom asked everyone else to introduce themselves.

Harold Fleischer, AE5AS, then turned the meeting over at 7:05 p. m. to Rodney Brown, AA5RB, Vice President, who introduced the program. The program was presented by Tom O'Brien, AB5XZ, about the N3JPF Computer Logging Program and included two video demonstrations including one by its author, Scott Davis, N3FJP. Rodney Brown, AA5RB, thanked Tom O'Brien, AB5XZ, and turned the meeting at 7:55 p. m. back over to Harold Fleischer, AE5AS, who immediately presented Tom O'Brien, AB5XZ, with a Program Certificate of Appreciation.

Harold Fleischer, AE5AS, then reviewed the printed agenda for meeting with the members present and asked if there were any modifications. There being no modifications suggested, Harold Fleischer AE5AS announced the printed agenda as orders for the meeting by unanimous consent.

Harold Fleischer, AE5AS, then stated that whereas the minutes for the last meeting on June 9, 2016 had been distributed in the July 2016 Bexar Wire newsletter that unless there were corrections or objections that we would dispense with the reading of the minutes and approve them as written by unanimous consent.

Officer Reports:

President

Appointments

Appointments

I am still willing to replace myself as Radio Fiesta chairperson.

Need a Newsletter Editor

Does anyone know who controls the SARC Facebook account? Rowena Archer, KF5JCZ, suggested that Bryce Weathersby, KE5KFD, might have control of it and promised to provide contact information for him after the meeting.

Paul Guido, N5IUT, has Twitter accounts @SARadioClub and @ARadioFiesta for us.

Vice President – Future Program: Rodney Brown, AA5RB, announced that the next program is a presentation on VHF & HF Cable Transmission by Craig Lewis, N5XO. His wife, who is the Bexar County ARES Coordinator will be coming with him.

Secretary – Absent

Treasurer – Rowena Archer, KF5JCZ, submitted a written financial report and stated that while not all bills from Field Day 2016 were in that it is anticipated that the total cost will be approximately \$600. The report was accepted.

Newsletter Editor - July 2016 newsletter was sent out by Rowena Archer on July 11, 2016.

Webmaster – Priority to posting meeting announcement and newsletter. Material from the July 2016 Bexar Wire newsletter was used to expand coverage on the website for Field Day 2016.

Chairman of the Board Report –Bob Rodriguez, K5AUW, announced that the Board will meet immediately after this meeting to discuss the rent situation for the storage site as planned along with the sale of tower sections and Field Day 2016 lessons learned. Richard Elder, WB5ACN noted that the Board approved selling the tower sections, log periodic HF antenna that went on the tower, and the associated rotator and control box at its last meeting.

Committee Reports

Education and Training –General Course will be on August 13, 20, and 27, 2016 at the Christus Santa Rosa Medical Center at 2827 Babcock Road, San Antonio, TX 78229. The only

cost is the Examination fee of \$15. SARC's VEC will conduct the General Examination during the last two hours.

A Technician Course is being planned for Oct 2016.

Emergency Communications – absent.

Executive – No meetings since last month and none planned for immediate future.

Field Day - Joe Bruno, W5AUQ, was absent, but Harold Fleischer, AE5AS, reported that Joe Bruno's pre-planned remarks communicated earlier today was that he intended to briefly talk about SARC's the successful Field Day 2016.

Finance and Review – Inactive until next January.

JOTA – Bob Rodriguez, K5AUW, announced that the Boy Scout Council wants to charge fees related to JOTA so he is looking at alternatives. As it stands, JOTA will not happen this year.

Harold Fleischer, AE5AS, suggested we consider asking the City of Shavano Park to host JOTA as we could take out the tent for it.

Membership – Tom O'Brien reported the number of 2016 members is 98. No change in status on working up a procedure to obtain each month's new ham list.

Nominating (Inactive-no appointments)

Radio Fiesta – The next major work item is dealer table mailings in August.

VEC – A test session was held on Saturday, June 25, 2016 at the Great Northwest Library, and per Rodney Brown, AA5RB, they had 25 people taking examines. One person took and passed all three examinations.

The next regularly scheduled session is 10:00 a. m. on August 27, 2016 at the Great Northwest Library.

Centennial Commemoration (Temporary) - Tom O'Brien, AB5XZ, is going to work with the committee on possible T-Shirts, patches, coins, and pins for the 100th anniversary.

Baofeng UHF Radio (Temporary) - Richard Elder, WB5ACN, explained the opportunity again and distributed the Baofeng 666 radios for \$25 each. He also overviewed what accessories like programming cable, ear phones, microphones, antennas, etc. are available. Baofeng makes a program for programming their radios, but a third party program Chirp may be a better alternative. Richard Elder, WB5ACN, also passed out copies of the pre-programmed frequencies that he put on the Baofeng 666 radios before distributing them in case members wanted to put them on their hand transceivers.

Harold Fleischer, AE5AS, will ask the newsletter editor to work with Richard Elder, WB5ACN, in putting an article about accessories in the newsletter.

Old Business - None

New Business - None

Announcements For The Good of Amateur Radio

- Bob Rodriguez, K5AUW, announced that the Medina County Radio Club will be sponsoring a 2M homebrew antenna shoot out on Oct 8, 2016, in Hondo.
- Pete Shavney, WA3OVH, suggested that the Texas Transportation Museum, where he is a member, might be willing to host JOTA.
- Cray Lester, K5MUG, announced that he had an HF 100W transceiver, 25A power supply, and antenna tuner for sale.
- Ken Nichols, the Emergency Communications Coordinator for Kendall County, asked anyone with knowledge about Memorandums Of Understandings (MOUs) to please see him.
- Tom O'Brien, AA5RB, announced that Henry Schneider, W5HNS, of San Antonio, Texas was now a silent key.

Harold Fleischer, AE5AS, adjourned the meeting at 8:55 p. m. because the approved agenda for the meeting had been completed.

Rodney Brown, AA5RB
for Lloyd Swartz, KF5ZHW
Secretary

Computer Logging of Contacts (Continued from page 1)

tion service is ARRL's Logbook Of The World.

After the lecture, Tom, AB5XZ, showed two videos. The first was done by the Williamson County Amateur Radio Club (WCARC), is 4 minutes long, and is on You Tube with the following URL: <https://www.youtube.com/watch?v=eGCovB0oRkc>. The second video is one done by Scott Davis, N3FJP, is 12 minutes long, and is also on You Tube with the following URL: <https://www.youtube.com/watch?v=mHqJWAm0-ZI>.

The slides from the presentation follow except for the last one on the videos because the information in in the preceding paragraph.

Computer Logging

A brief and incomplete view of Computer Logging

For the San Antonio Radio Club

Tom O'Brien
AB5XZ

07/17/2016

Computer Logging

1

Outline

- .What is a log?
- .Why keep a log?
- .Computer logging programs
- .Video demonstration of a good computer logging program

07/17/2016

Computer Logging

2

What is an amateur station log?

- .A place to record, in an organized way, the operational history of your radio station
- .Record technical changes to the station, including test results
- .Record visitors and demonstrations
- .Meet legal record-keeping requirements, if any
- .Record contacts

07/17/2016

Computer Logging

3

Paper logs

- .FCC once required log for all operation.
- .Some countries require paper logs.
- .ARRL has published blank logbooks for decades.

The image displays four different types of paper logbooks. From left to right: 1) A yellowed, aged book with 'MINILOG' printed on the cover. 2) A book with a red cover and 'MINILOG' printed on it. 3) A book with a white cover and 'MINILOG' printed on it. 4) A book with a blue cover and 'ARRL Field Day Logbook' printed on it.

07/17/2016

Computer Logging

4

Confirmation Services

- .Logbook of the world (ARRL service)
 - .eQSL
 - .QRZ
 - .Others
- .Many awards that once required QSL cards have been adapted to work with confirmation services.

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Computer Logging

5

Award chasing

- .ARRL
 - . Worked All States (WAS)
 - . Worked All Continents (IARU)
 - . Worked All (ITU) Zones
 - . DX Century Club, VHF Century Club
- .CQ magazine
 - . CQ WPX (Prefixes)
 - . CQ Worked All Zones
- .Variants (QRP, CW, SSB, PSK31, etc)

07/17/2016

Computer Logging

6

Logging programs

- .General-purpose logging
 - . N3FJP (Windows only)
 - . WriteLog
 - . Ham Radio Deluxe (Windows, Linux, Mac)
- .Contest logging
 - . N3FJP (Windows only)
 - . N1MM (Windows, Linux)

07/17/2016

Computer Logging

7

Transferring your log

- .Most (maybe all) loggers can export to and import from ADIF.
- .Amateur Data Interchange Format.
- .Standardized format for interchange and **backup**.
- .Use ADIF to merge contest logs into a master log.

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Computer Logging

8

Submitting a contest log

- .Most contests accept the Cabrillo (Cah-Bree-Oh) format for log submissions
- .Most loggers will create Cabrillo files for e-mail submission
- .A few contests accept Cabrillo format pasted into their web pages
- .Utilities are available to transform ADIF to Cabrillo and vice versa

07/17/2016

Computer Logging

9

N3FJP software

- .Amateur Contact Log
 - . Full-function logging database
 - . Award tracking, QSL tracking, LOTW, eQSL, etc.
- .Contest logs
 - . ARRL contests, CQ contests, QSO parties, FD, etc.
 - . Consistent user interface across all programs
- .Buy one or all, no charge for updates.

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Computer Logging

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GENERAL CLASS COURSE

Where: Christus Santa Rosa Medical Center Hospital, 2827 Babcock Rd (West of the Medical Center, between Medical Dr. and Hamilton-Wolfe Rd.), in the Kingman room. (As you go in the main entrance, turn right past the information desk. The room is at the end of the hall.)

When: Saturdays, August 13, 20 and 27, 9AM to 5PM. Attendees should attend all three sessions. Test will be given Saturday, August 27 at 3PM.

Cost: \$15 for license exam by Volunteer Examiners



Recommended study material: Gordon West, W5YI General Class Book. (Available at www.w5yi or 1-800-669-9594. Cost, about \$25)

For additional information, please contact Bob Rodriguez at (210) 887-6618 or bobrod@flash.net



Jamboree On The Air (JOTA) is a GO for SARC

As detailed in the minutes for the last meeting, SARC participation in JOTA at the McGimsey Scout Park run by the Boy Scouts of America's Alamo Area Council was threaten by fees that they wanted to charge us for helping Boy Scouts including a per Scout charge. Bob Rodriguez, K5AUW, SARC's JOTA Committee Chairperson said that SARC could not do JOTA on that basis. During the Announcements part of the Agenda just before adjournment, Pete

Shavney, WA3OVH, suggested that the Texas Transportation Museum (TTM) might be a site for JOTA. Three days later TTM had a Board meeting and based on a motion by Pete Shavney, WA3OVH, they unanimously agreed to host SARC's JOTA at TTM. Scouts in uniform will be given free admission for the day on October 15, 2016.

Bob Rodriguez, K5AUW, has already prepared a new flyer to send out to Scouts. Reminder: this is open to Cub Scouts, Girl Scouts, and Brownies as well as to Boy Scouts. The hours of operation will be 10:00 a. m. to 5:00 p m. on October 15, 2016. Any HAM radio operator interested in helping with JOTA should contact Bob Rodriguez, K5AUW, directly at (210) 887-6618 or bobrod@flash.net.

Amateur Radio Equipment Donation

Martin Karpowicz and his wife Ann donated some amateur radio equipment on Saturday, July 16, 2016, that had belonged to his brother Gregory Karpowicz, WA5UAN, who is now SK. Martin would rather the equipment be used by a Ham than it be thrown away. This equipment is best characterized as *vintage*.

SARC received the following items with the prices shown being the estimated value with eBay being a prime source for the value:

Hammarlund HF+-6M Radio Transceiver Model Number HQ-110 16.5" W x 9.5" H x 9.5" D	\$160
Speaker, 9" W x 9" H x 7.25" D, goes with Hammarlund Radio	\$50
Drake 2M Radio Transceiver TR22 SN 450681 10.25" W x 2.25" H x 7.25" D	\$50
w/ Microphone on Coiled Cord	
Hallicrafters Transmitter Model HT-40 SN 102117 13.25" W x 7.25" H x 8.5" D	\$100
Antenna, Steel Whip on Spring Mount Base 50" L PL-239	\$10
EICO In Circuit Capacitor Tester Model 955 SN 13007 .1-50 MFD 5.75" W x 9.5" H x 5.5" D	\$25
Micronta 43-Range Multitester 5.25" W x 6.5" H x 2.5" D in box w/ instructions	\$25
w/ Black and Red Test Probes	
Knight P-2 SWB/Power Meter with Connected Transmission Line Interface Box	\$25
Eico Grid Dip Meter Model 710 2.75" W x 2.25" H x 7" D	\$35
w/ Box of Plug In Coils for Various Frequencies	
Frequency Plugs, Various, 10 total	\$10
Straight Key mounted on heavy steel base with plug cord	\$25

The following are pictures of this equipment:



Hammarlund HQ-110



Hammarlund Speaker



Drake 2M TR22



Hallicrafters HT-40



Base of Whip Antenna



Eico Model 955



Micronta 43-Range Multitester



Knight P-2 SWB/Power Meter



Eico Grid Dip Meter Model 710



Frequency Plugs, 10 ea, Various

Straight Key on Heavy Base

There are some other pictures available and of course the original picture files with a lot more resolution. The newsletter editor can provide these pictures upon request.

SARC has determined that as a club SARC can not use any of this equipment. It is being offered to SARC members at this time **AS IS**. *It has not been tested so its condition is unknown.* While SARC officers have a duty to not give away equipment that has a value, they recognize that the estimated values shown are just that. At the same time, the donation was made to SARC to try to maximize the potential for the equipment to get used by another Ham. A member should make their offer to the President of SARC who is inclined to agree to any reasonable offer considering the buyer will be taking it **AS IS**. You can contact the President through the editor whose contact information is shown on page 2 of this newsletter.

Any donated amateur radio related equipment on hand by the time Radio Fiesta rolls around on January 14, 2017 will be offered for sale at Radio Fiesta.



Richard Elder, WB5ACN, distributing and explaining the Baofeng BF-666S 16 Channel UHF 400-470 MHz Hand Transceiver at SARC Meeting on July 14, 2016

Baofeng BF-666S Walkie Talkie Radio Accessories

At the July 14, 2106 San Antonio Radio Club meeting, Richard Elder, WB5ACN, distributed the Baofeng BF-666S UHF Radio on which he did a short Show-and-Tell at the previous meeting. He then reviewed the pre-programmed channels using a laminated card that he gave to everyone who paid \$25 to get one. He then talked about accessories for the radio. There are a lot of them. He cautioned that if you buy a lot of accessories that your investment in accessories could surpass the cost of the radio.

The first accessory about which Richard, WB5ACN, talked was the programming cable and software. There are a lot of programming cables out there, but if it is not a real prologic amateur radio cable, it will not work. The software from Baofeng is Chinese based and rough around the edges. Chirp, which can be downloaded for free on the internet at <http://chirp.danplanet.com/>, may be a better solution.

The following is a list of possible accessories:

Baofeng Programming Cable for BAOFENG UV-5R/5RA/5R Plus/5RE, UV3R Plus, BF-888S



This cable is offered on Amazon for the Amazon Prime Price of \$7.66.

This cable with and without Baofeng programming software CD is offered on eBay for between \$4.99 and \$23.95 from US locations often with free shipping.



This combination microphone and speaker is offered on Amazon for \$4.49 with free shipping.

This combination microphone and speaker is offered on eBay for between \$5.76 and \$10.99 offered with free shipping.

Tenq Earpiece Headset Mic for Baofeng Uv-5r 666s 777s 888s Two-way Radio



This is used for both listening and talking. It is offered on Amazon for the Amazon Prime Price of \$6.99.

The Baofeng version is offered on eBay for \$4.99 and up. The Tenq is on eBay for \$9.93. There are a number of multi-pack offers that drive the per unit cost down to around \$5.

Tenq® Baofeng 888s Li-ion Battery 1500mah for Baofeng 777s/888s/666s H777 Two Way Radio Walkie Talkie



This is offered on Amazon for the Amazon Prime Price of \$8.99. There are multi-pack offers that would drive the per unit cost down.

The Baofeng version is offered on eBay for \$4.69 and up. There are multi-pack offers that would drive the per unit cost down.

Car Battery Eliminator For BF-777S BF-888S BF-666s Light CIGARETTE USB Car Charger



This is used for both listening and talking. It is offered on Amazon for the Amazon Prime Price of \$7.50.

The Baofeng version is offered on eBay for \$4.99 and up.

Authentic Genuine Nagoya NA-771 15.6-Inch Whip VHF/UHF (144/430Mhz) Antenna SMA-Female for AnyTone, BaoFeng, and Yaesu



This longer whip style antenna is offered on Amazon for the Amazon Prime Price of \$16.99. There are other antennas, some shorter, offered on Amazon as well.

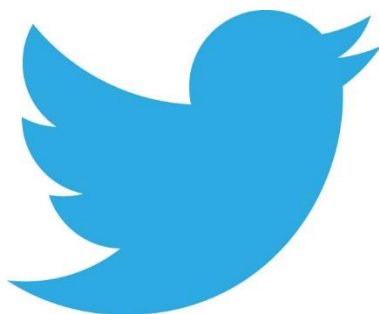
There are various SMA-F connector antennas for UHF offered on eBay. The lengths vary. Prices and shipping also varies, but the Amazon price could be beat.



This antenna is on Amazon for \$5.78 and free shipping.

This is offered on eBay from \$6.98 and up with free shipping.

SARC Tweets



Paul Gudio, N5IUT, has established two Twitter accounts for the San Antonio Radio Club. They are @SARadioClub and @ARadioFiesta.

The @SARadioClub was used multiple times before Field Day 2016 and once after Field Day 2016 in connection with Field Day 2016. It is now being used to publicize SARC meetings. A post July 14, 2016 meeting tweet included a picture. It can be used for other things like promotion of VEC testing and classes.

The @ARadioFiesta was used in conjunction with Radio Fiesta last January. It is planned to use it again for the January 14, 2017 Radio Fiesta.

SARC members are encouraged to follow both Twitter accounts.

SARC Facebook



There is a San Antonio Radio Club – SARC (@saradioclub). Unfortunately, the Facebook page is essentially inert.

SARC leadership is working to identify who controls the page and ask for control to be passed to current leadership.

If you control this page or believe that you know who controls this page, please contact the **Bexar Wire** newsletter editor. Contact information for the newsletter editor is shown on Page 2 of this issue.

SARC has a website:

w5sc.org

Webmaster: David Espinoza W5QS
W5qs@att.net
 210-287-5036

SARC Meeting Dates for next 12 Months

August 11, 2016
 September 8, 2016
 October 12, 2016
 November 10, 2016
 December (None)
 January 5, 2017
 February 9, 2017
 March 9, 2017
 April 13, 2017
 May 11, 2017
 June 8, 2017
 July 13, 2017

Meetings are held at Grady's Barbeque,
 327 E. Nakoma Dr., San Antonio, TX
 78216 at 7:00 p. m.

Come early and eat with other members
 coming early.

Field Day 2017

Setup: Friday, June 21, 2017
 Operations: Saturday, June 22, 2017
 & Sunday, June 23, 2017

*Where SARC proves they are an
 eating group with a radio problem.*

More information to follow, but hold these
 dates.

Radio Fiesta 2017

January 14, 2017
 Schertz Civic Center
 More information to follow

Amateur Radio License Classes

A General Course will be conducted on August 13, 20, & 27, 2016 at the Santa Rosa Medical Center Hospital. The General License examination will be offered on the last day.

For 2016, two more Technician Courses and an Amateur Extra Course are planned. For more information, contact:
 Bob Rodriguez K5AUW
 Instructor

License Testing Dates for 2016 and early 2017

August 27, 2016
 October 22, 2016
 January 14, 2017
 February 25, 2017
 April 22, 2017
 June 22, 2017

Times and locations along with required document information can be found on SARC's website.

SARC does all of its licensing testing as a part of ARRL Volunteer Examiner Coordinator (VEC) organization so all of the Volunteer Examiners in SARC are duly authorized Volunteer Examiners of ARRL's VEC.

JOTA

Boy Scout Jamboree On The Air

This year's date is Oct 15, 2016. Plans are to hold it at the Texas Transportation Museum.

For more information, contact:
 Bob Rodriguez, K5AUW

Emergency Communications

If you are interested in emergency communications, contact:
 JC Smith N5RXS